

PMC dournals MIMO Br PubMed Nucleotide Protein Genome Structure Entrex Search PubMed Clear Go for Sayler G AND mercury Clipboard Details Limits Preview/Index History About Entrez

Text Version

Entrex PubMed Overview Help | FAQ Tutorial New/Noteworthy E-Utilities

PubMed Services Journals Database MeSH Database Single Citation Matcher **Batch Citation Matcher** Clinical Queries

LinkOut Cubby

Related Resources

Order Documents **NLM Gateway** TOXNET Consumer Health Clinical Alerts ClinicalTrials.gov **PubMed Central** 

Privacy Policy

Display Summary Items 1-2 of 2 Show: 20

Sort

Send to

One page.

1: Burlage RS, Bemis LA, Layton AC, Sayler GS, Larimer F.

Related Articles, Links

Comparative genetic organization of incompatibility group P degradative plasmids.

J Bacteriol. 1990 Dec;172(12):6818-25. PMID: 2254257 [PubMed - indexed for MEDLINE]

2: Sayler GS, Nelson JD Jr, Colwell RR.

Related Articles, Links

Role of bacteria in bioaccumulation of mercury in the oyster Crassostrea virginica.

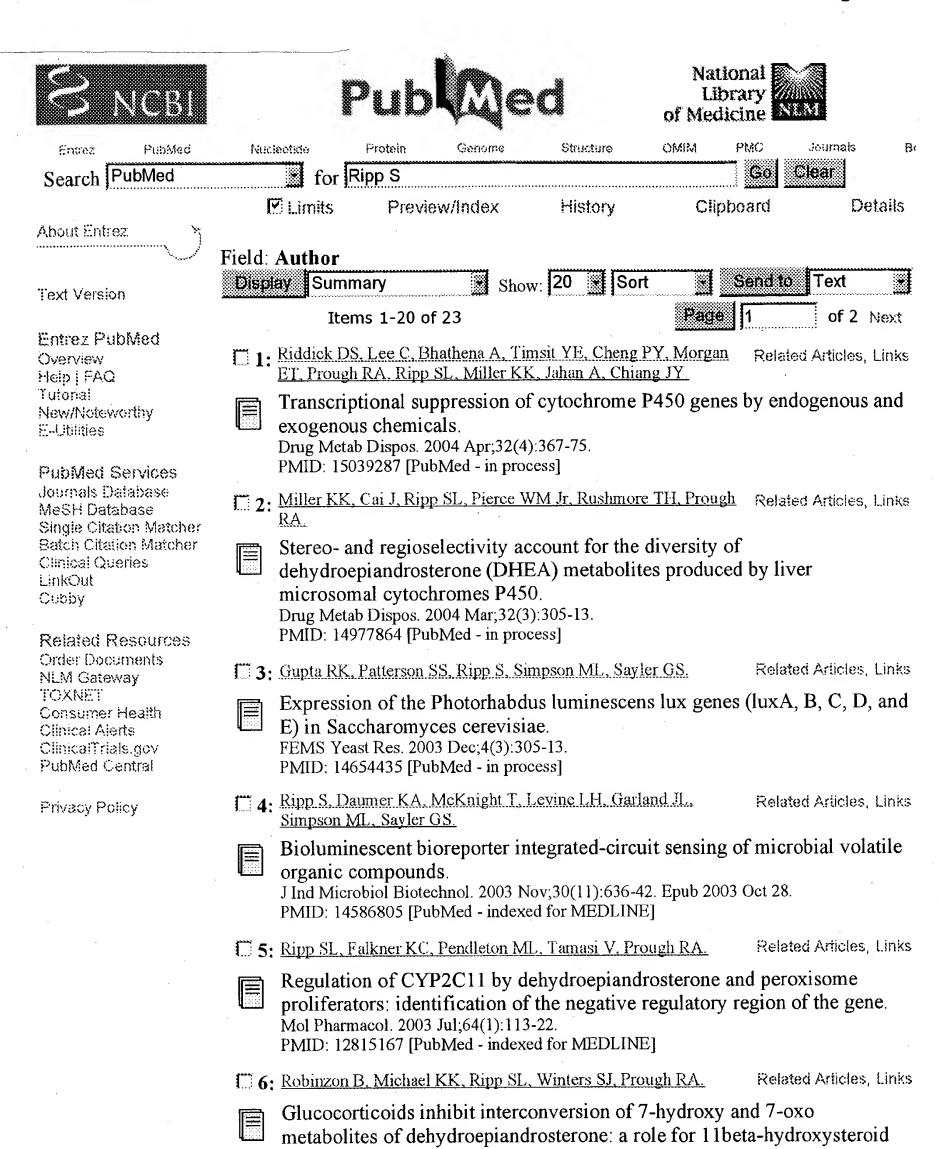
Appl Microbiol. 1975 Jul;30(1):91-6.

PMID: 1147622 [PubMed - indexed for MEDLINE]

Write to the Help Desk NCBI | NLM | NIH Department of Health & Human Services Freedom of Information Act | Disclaimer

Apr 6 2004 10:25:18

h



7: Gu S, Ripp SL, Prough RA, Geoghegan TE.
Related Articles, Links

ch ho e e e fco e ch he

Arch Biochem Biophys. 2003 Apr 15;412(2):251-8. PMID: 12667489 [PubMed - indexed for MEDLINE]

dehydrogenases?

h

	Dehydroepiandrosterone affects the expression of multip	ale genes in rat
	liver including 11 beta-hydroxysteroid dehydrogenase ty	<u> </u>
	array analysis. Mol Pharmacol. 2003 Mar;63(3):722-31. PMID: 12606783 [PubMed - indexed for MEDLINE]	
□ 8:	Abd-El-Haleem D, Ripp S, Scott C, Sayler GS.	Related Articles, Links
111	A luxCDABE-based bioluminescent bioreporter for the	detection of
	phenol. J Ind Microbiol Biotechnol. 2002 Nov;29(5):233-7. PMID: 12407456 [PubMed - indexed for MEDLINE]	
	Bolton EK, Sayler GS, Nivens DE, Rochelle JM, Ripp S, Simpson ML	Related Articles, Links
	Integrated CMOS photodetectors and signal processing the chemical sensing with the bioluminescent bioreporter in Sens Actuators B Chem. 2002 Jun 20;85(1-2):179-85.  PMID: 12238524 [PubMed - indexed for MEDLINE]	•
□ 10	Simpson ML, Sayler GS, Patterson G, Nivens DE, Bolton EK, Rochelle JM, Arnott JC, Applegate BM, Ripp S, Guillom MA	Related Articles, Links
	An integrated CMOS microluminometer for low-level sensing in the bioluminescent bioreporter integrated cir Sens Actuators B Chem. 2001 Jan 25;72(2):134-40. PMID: 12192685 [PubMed - indexed for MEDLINE]	
□ 11	: Ripp SL, Fitzpatrick JL, Peters JM, Prough RA.	Related Articles, Links
	Induction of CYP3A expression by dehydroepiandroste of the pregnane X receptor. Drug Metab Dispos. 2002 May;30(5):570-5. PMID: 11950789 [PubMed - indexed for MEDLINE]	erone: involvement
<b>1</b> 2	: Fitzpatrick JL, Ripp SL, Smith NB, Pierce WM Jr, Prough RA	Related Articles, Links
	Metabolism of DHEA by cytochromes P450 in rat and	human liver
4 - 12 - 12 - 12	microsomal fractions. Arch Biochem Biophys. 2001 May 15;389(2):278-87. PMID: 11339818 [PubMed - indexed for MEDLINE]	
□ 13	Hines RN, Luo Z, Cresteil T, Ding X, Prough RA, Fitzpatrick JL, Ripp SL, Falkner KC, Ge NL, Levine A, Elferink CJ.	Related Articles, Links
	Molecular regulation of genes encoding xenobiotic-me enzymes: mechanisms involving endogenous factors. Drug Metab Dispos. 2001 May;29(5):623-33. Review. PMID: 11302926 [PubMed - indexed for MEDLINE]	tabolizing
□ 14	Ripp S. Nivens DE, Werner C, Sayler GS.	Related Articles, Links
	Bioluminescent most-probable-number monitoring of a engineered bacterium during a long-term contained fiel Appl Microbiol Biotechnol. 2000 Jun;53(6):736-41. PMID: 10919336 [PubMed - indexed for MEDLINE]	•
<b>15</b>	: Sayler GS. Ripp S.	Related Articles, Links
*****	Field applications of genetically engineered microorgabioremediation processes.  Curr Opin Biotechnol. 2000 Jun;11(3):286-9. Review.	nisms for

ch ho e e e foo e ch he

PMID: 10851144 [PubMed - indexed for MEDLINE] 16: Ripp SL, Itagaki K, Philpot RM, Elfarra AA. Related Articles, Links Methionine S-oxidation in human and rabbit liver microsomes: evidence for a high-affinity methionine S-oxidase activity that is distinct from flavin-containing monooxygenase 3. Arch Biochem Biophys. 1999 Jul 15;367(2):322-32. PMID: 10395751 [PubMed - indexed for MEDLINE] 17: Ripp SL, Itagaki K, Philpot RM, Elfarra AA. Related Articles, Links Species and sex differences in expression of flavin-containing monooxygenase form 3 in liver and kidney microsomes. Drug Metab Dispos. 1999 Jan;27(1):46-52. PMID: 9884308 [PubMed - indexed for MEDLINE] 18: Ripp S. Miller RV. Related Articles, Links Dynamics of the pseudolysogenic response in slowly growing cells of Pseudomonas aeruginosa. Microbiology. 1998 Aug;144 (Pt 8):2225-32. PMID: 9720044 [PubMed - indexed for MEDLINE] Related Articles, Links 19: Ripp SL, Overby LH, Philpot RM, Elfarra AA. Oxidation of cysteine S-conjugates by rabbit liver microsomes and cDNA-expressed flavin-containing mono-oxygenases: studies with S-(1,2-dichlorovinyl)-L-cysteine, S-(1,2,2-trichlorovinyl)-L-cysteine, Sallyl-L-cysteine, and S-benzyl-L-cysteine. Mol Pharmacol. 1997 Mar, 51(3):507-15. PMID: 9058607 [PubMed - indexed for MEDLINE] 20: Krause RJ, Ripp SL, Sausen PJ, Overby LH, Philpot RM, Elfarra Related Articles, Links AA.

Characterization of the methionine S-oxidase activity of rat liver and kidney microsomes: immunochemical and kinetic evidence for FMO3 being the major catalyst.

Arch Biochem Biophys. 1996 Sep 1;333(1):109-16. PMID: 8806760 [PubMed - indexed for MEDLINE]

**≱** |Sort Send to Show: 20 Text Display Summary Page | 1 of 2 Next Items 1-20 of 23

> Write to the Help Desk NCBI | NLM | NIH Department of Health & Human Services Freedom of Information Act | Disclaimer

> > Apr 6 2004 10:25:18







MIMO PMC Journals Br Structure PubMed Nucleotide Protein Genome Entrez Search PubMed Clear Go for Ripp S **Y** Limits History Clipboard Details Preview/Index About Entrez Field: Author Show: 20 Send to Display Sort **Text** Summary Text Version Page of 2 Items 21-23 of 23 Previous Entrez PubMed Related Articles, Links 21: Ripp S. Ogunseitan OA, Miller RV. Overview Help | FAQ Transduction of a freshwater microbial community by a new Tutorial Pseudomonas aeruginosa generalized transducing phage, UT1. New/Noteworthy E-Utilities Mol Ecol. 1994 Apr;3(2):121-6. PMID: 8019688 [PubMed - indexed for MEDLINE] **PubMed Services** 22: Kidambi SP, Ripp S, Miller RV. Related Articles, Links Journals Database MeSH Database Evidence for phage-mediated gene transfer among Pseudomonas Single Citation Matcher aeruginosa strains on the phylloplane. Batch Citation Matcher Clinical Queries Appl Environ Microbiol. 1994 Feb;60(2):496-500. LinkOut PMID: 8135513 [PubMed - indexed for MEDLINE] Cubby 23: Quinn JP, Darzins A, Miyashiro D, Ripp S, Miller RV. Related Articles, Links Related Resources Imipenem resistance in pseudomonas aeruginosa PAO: mapping of the Order Documents **NLM Gateway** OprD2 gene.

Antimicrob Agents Chemother. 1991 Apr;35(4):753-5.

PMID: 1906263 [PubMed - indexed for MEDLINE]

Privacy Policy

Clinical Alerts ClinicalTrials.gov PubMed Central

Consumer Health

TOXNET

Write to the Help Desk

NCBI | NLM | NIH

Department of Health & Human Services

Freedom of Information Act | Disclaimer

Apr 6 2004 10:25:18

no ee e foo oe h



ch

hα





Entrez PubMed	Nucleotide Protei	in Genome	Structure	OMIM PMC	Journals Bo		
Search PubMed	for Sanse	verino J		Go	Clear		
	<b>☑</b> Limits P	review/Index	History	Clipboard	Details		
About Entrez	TP: 1.1 A .W						
the second server	Field: Author	2000	100 000 100		<b>1</b>		
Text Version	Display Summary Items 1	tefortuned graphy representation and the following representations of the control	ow: 20 💌 Sort	Send to	Text Some page.		
Entrez PubMed  Overview	1: Layton AC, Sanse Schultz TW	everino J. Gregory	BW, Easter JP, S	Sayler GS. Rela	ted Articles, Links		
-telp   FAQ Futorial New/Noteworthy E-Utilities	In vitro estrogen receptor binding of PCBs: measured activity and detection of hydroxylated metabolites in a recombinant yeast assay.  Toxicol Appl Pharmacol. 2002 May 1;180(3):157-63.  PMID: 12009855 [PubMed - indexed for MEDLINE]						
PubMed Services Journals Database	2: Sanseverino J. La	nyton AC, Sayler (	<u>38.</u>	Rela	ted Articles, Links		
MeSH Database Single Citation Metcher Batch Citation Metcher Clinical Queries	Methods Mol Bio	oly chlorinated bl. 2002;179:193-2 5 [PubMed - index	209. No abstract a		n soil.		
LinkOut Dubby	3: Woo H, Sansever	rino J, Cox CD, Re	obinson KG, Sayl	<u>er GS.</u>	ted Articles, Links		
Related Resources Order Documents NLM Gateway FOXNET Consumer Health	Pseudomonas  J Microbiol Meth		(2):181-91.	ctivity in biofilm	culture of		
Clinical Alerts	4: Ahn Y. Sansever	ino J, Sayler GS.		Rela	ted Articles, Links		
OlinicalTrials.gov PubMed Central Privacy Policy	from contamin Biodegradation.		19-57.	n-degrading bact	eria isolated		
	5: Layton AC, Lajor Sayler GS	ie CA, Easter JP,	Jernigan R, Sanse	v <u>erino J.</u> Rela	ted Articles, Links		
	of polychlorin  J Ind Microbiol.	gnostics and ch ated biphenyls 1994 Nov;13(6):39 [PubMed - indexe	in contaminate 92-401.	s for assessing bi	odegradation		
	6: Sanseverino J. A	pplegate BM, Kin	g JM, Sayler GS.	Rela	ted Articles, Links		
	anthracene. Appl Environ Mi	ated mineraliza crobiol. 1993 Jun; [PubMed - indexe	,59(6):1931-7.	lene, phenanthre	ne, and		
;	7: Sanseverino J. W. Sayler GS.	erner C. Fleming	J. Applegate B. K	ing <u>JM.</u> Rela	ted Articles, Links		
	in manufacture	gnostics of poly ed gas plant soi 1993-94;4(4):303-	1s.	c hydrocarbon bi	odegradation		

PMID: 7516749 [PubMed - indexed for MEDLINE]

h 🗚

□ 8	8: Layton AC, Sanseverino J, Wallace W, Corcoran C, Sayler GS. Related Arti	cles, Links
	Evidence for 4-chlorobenzoic acid dehalogenation mediated by planel related to pSS50.  Appl Environ Microbiol. 1992 Jan;58(1):399-402.  PMID: 1539985 [PubMed - indexed for MEDLINE]	ısmids
	9: SANSEVERINO J. DE PAOLA D.	Links
9:00 9:00 9:00 9:00 9:00 9:00	[Eosinophilic granuloma of the femur.] Med Cir Farm. 1952 Feb-Mar;190-191:114-20. Undetermined Language. No abavailable. PMID: 14928953 [PubMed - OLDMEDLINE for Pre1966]	stract
Dis	splay Summary Show: 20 - Sort - Send to Te	xt 🙎
	7	One page

Write to the Help Desk

NCBI | NLM | NiH

Department of Health & Human Services
Freedom of Information Act | Disclaimer

Apr 6 2004 10:25:18

ho a a a from ech ha